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NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 20 EVENTLINE will be removed from STN
NEWS 28 Mar 24 PATDPAFULL now available on STN
NEWS 29 Mar 24 Additional information for trade-named substances without
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NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 33 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
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=> file .agbiotech

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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=>

=> s monocot?

L1 708984 MONOCOT?

=> s agrobacter?

L2 35840 AGROBACTER?

=> s callus

L3 58660 CALLUS

=> l1 and l2 and l3

L1 IS NOT A RECOGNIZED COMMAND

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=> s l1 and l2 and l3

L4 262 L1 AND L2 AND L3

=> dup rem l4

PROCESSING COMPLETED FOR L4

L5 211 DUP REM L4 (51 DUPLICATES REMOVED)

=> file caba

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.65

7.86

FILE 'CABA' ENTERED AT 18:02:57 ON 14 MAY 2003

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FILE COVERS 1973 TO 2 May 2003 (20030502/ED)

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=> s l4

L6 139 L1 AND L2 AND L3

=> FIL CABA

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.47

8.33

FILE 'CABA' ENTERED AT 18:03:40 ON 14 MAY 2003

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FILE COVERS 1973 TO 2 May 2003 (20030502/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L7 139 L1 AND L2 AND L3

=> S L7 AND 1980<=PY<=1992

L8 26 L7 AND 1980<=PY<=1992

=> d l8 1-26

L8 ANSWER 1 OF 26 CABA COPYRIGHT 2003 CABI

AN 93:145334 CABA

DN 931645094

TI Transformation of indica rice (*Oryza sativa* L.) mediated by **Agrobacterium tumefaciens**

AU Chan, M. T.; Lee, T. M.; Chang, H. H.

CS Department of Agronomy, National Taiwan University, Taipei, Taiwan.

SO Plant and Cell Physiology, (1992) Vol. 33, No. 5, pp. 577-583.

25 ref.

ISSN: 0032-0781

DT Journal

LA English

L8 ANSWER 2 OF 26 CABA COPYRIGHT 2003 CABI

AN 93:106043 CABA

DN 931642242

TI Transformation of the wheat *Triticum aestivum* with a binary vector system of **Agrobacterium** plasmids

AU Kornienko, O. V.; Kaliev, A. B.; Filatov, V. D.; Zairov, S. Z.

SO (1991) pp. 20-21, 128-129. Pushchino

Meeting Info.: 1 Vsesoyuznyi simpozium "Novye metody biotekhnologii rastenii", Pushchino, 20-22 noyabrya, 1991: Tezisy dokladov.

Secondary Source: Referativnyi Zhurnal (1992) 6Ya313

CY USSR

DT Miscellaneous

LA English

L8 ANSWER 3 OF 26 CABA COPYRIGHT 2003 CABI

AN 93:7181 CABA

DN 931697111

TI Rice transformation, vectors, and expression of transferred genes

AU Hengsens, L. A. M.; Meijer, E. G. M.; Os-Ruygrok, P. E. van; Rueb, S.;

Pater, B. S. de; Schilperoort, R. A.; Van Os-Ruygrok, P. E.; De Pater, B. S.

CS Department of Plant Molecular Biology, Clusius Laboratory, Leiden

University, Wassenaarseweg 64, 2333 Leiden, Netherlands.
SO (1991) pp. 585-595. 21 ref.
Publisher: IRRI. Manila
Meeting Info.: Rice genetics II: Proceedings of the Second International
Rice Genetics Symposium, 14-18 May 1990.
ISBN: 971-22-0027-2
CY Philippines
DT Conference Article
LA English

L8 ANSWER 4 OF 26 CABA COPYRIGHT 2003 CABI
AN 93:6631 CABA
DN 931635148
TI Transformation made easier
AU Mellaert, H. van; Van Mellaert, H.
CS Plant Genetic Systems N. V., Josef Plateaustraat 22, 9000 Gent, Belgium.
SO Seed World (Des Plaines), (1992) Vol. 130, No. 6, pp. 40.
ISSN: 0037-0797
DT Journal
LA English

L8 ANSWER 5 OF 26 CABA COPYRIGHT 2003 CABI
AN 92:118918 CABA
DN 921631871
TI Tissue culture studies on morphogenesis and host-pathogen interactions
AU Smith, R. H.
CS Department of Soil and Crop Sciences, Texas A&M University, College
Station, TX 77843-2474, USA.
SO Sorghum Newsletter, (1991) Vol. 32, pp. 1-2. 3 ref.
ISSN: 0584-1321
DT Journal
LA English

L8 ANSWER 6 OF 26 CABA COPYRIGHT 2003 CABI
AN 92:30246 CABA
DN 921626846
TI Assessment of rice genetic transformation techniques
AU Cao, J.; Zhang, W. G.; McElroy, D.; Wu, R.; Khush, G.S. [EDITOR];
Toenniessen, G.H. [EDITOR]
CS Section of Biochemistry, Molecular & Cell Biology, Cornell University,
USA.
SO Rice biotechnology, (1991) pp. 175-198. Biotechnology
Agriculture No. 6. 31 ref.
Publisher: CAB International. Wallingford
ISBN: 0-85198-712-5; 971-22-0013-2
CY United Kingdom
DT Book; Book Article
LA English

L8 ANSWER 7 OF 26 CABA COPYRIGHT 2003 CABI
AN 92:17907 CABA
DN 921626386
TI The maize transposable element *Mu1* does not transpose in tobacco
AU Giudice, L. del; Manna, F.; Massardo, D. R.; Pirovano, L.; Prisco, R. de;
Sorrentino, C.; Tonini, A.; Wolf, K.; Del Giudice, L.; De Prisco, L.
CS Istituto Internazionale di Genetica e Biofisica, CNR Via Guglielmo Marconi
10, 80125 Naples, Italy.
SO Maydica, (1991) Vol. 36, No. 3, pp. 197-203. 53 ref.
ISSN: 0025-6153
DT Journal
LA English

L8 ANSWER 8 OF 26 CABA COPYRIGHT 2003 CABI
AN 91:94544 CABA

DN 911622712
 TI Transformation of foreign genes into the **monocotyledonous** plant
 Caladium bicolor mediated by constructed Ti-plasmid of
Agrobacterium tumefaciens
 AU Li, B. J.; Wu, M.
 CS Biotechnological Research Centre, Zhongshan University, Guangzhou 510275,
 China.
 SO Kexue Tongbao = Chinese Science Bulletin, (1990) Vol. 35, No. 1,
 pp. 52-55. 14 ref.
 ISSN: 0250-7862
 DT Journal
 LA English

L8 ANSWER 9 OF 26 CABA COPYRIGHT 2003 CABI
 AN 91:6085 CABA
 DN 911618447
 TI Excision of the maize transposable element Ac in flax **callus**
 AU Roberts, M. R.; Kumar, A.; Scott, R.; Draper, J.; Amar Kumar
 CS Department of Botany, University of Leicester, University Road, Leicester
 LE1 7RH, UK.
 SO Plant Cell Reports, (1990) Vol. 9, No. 7, pp. 406-409. 21 ref.
 ISSN: 0721-7714
 DT Journal
 LA English

L8 ANSWER 10 OF 26 CABA COPYRIGHT 2003 CABI
 AN 90:150382 CABA
 DN 902303193
 TI Endogenous IAA and cytokinin levels in Asparagus officinalis tumour
 tissues induced by **Agrobacterium** tumefaciens
 AU De Locht, P. de; Rudelsheim, P.; Bytebier, B.; Hernalsteens, J. P.; De
 Greef, J. de; Onckelen, H. van
 CS Dep. Biology, University of Antwerp, UIA, B-2610 Wilrijk, Belgium.
 SO Archives Internationales de Physiologie et de Biochimie, (1988)
 Vol. 96, No. 1, pp. PP 7. 6 ref.
 DT Conference Article; Journal
 LA English

L8 ANSWER 11 OF 26 CABA COPYRIGHT 2003 CABI
 AN 90:133233 CABA
 DN 901616356
 TI Insertion of the transposable element Ac into soybean by transformation
 AU Zhou, J. H.; Atherly, A. G.
 CS Department of Agronomy & Genetics, Iowa State University, Ames, IA 50011,
 USA.
 SO Soybean Genetics Newsletter, (1989) Vol. 16, pp. 124-126. 4 ref.
 DT Journal
 LA English

L8 ANSWER 12 OF 26 CABA COPYRIGHT 2003 CABI
 AN 90:56329 CABA
 DN 901612549
 TI Plant tissue culture - a difficult option for cereal crops
 AU Ashmore, S. E.
 CS Division of Science and Technology, Griffith University, Nathan,
 Queensland 4111, Australia.
 SO Australian Journal of Biotechnology, (1989) Vol. 3, No. 4, pp.
 276-277. 12 ref.
 ISSN: 0819-3355
 DT Journal
 LA English

L8 ANSWER 13 OF 26 CABA COPYRIGHT 2003 CABI
 AN 90:46967 CABA

DN 901612409
 TI **Agrobacterium**-mediated transformation of rice (*Oryza sativa* L.)
 AU Raineri, D. M.; Bottino, P.; Gordon, M. P.; Nester, E. W.
 CS Department of Microbiology, University of Washington, Seattle, WA 98195, USA.
 SO Bio/Technology, (1990) Vol. 8, No. 1, pp. 33-38. 42 ref.
 ISSN: 0733-222X
 DT Journal
 LA English

L8 ANSWER 14 OF 26 CABA COPYRIGHT 2003 CABI
 AN 90:35563 CABA
 DN 901611937
 TI In situ detection of transposition of the maize controlling element (Ac) in transgenic soybean tissues
 AU Zhou, J. H.; Atherly, A. G.
 CS Department of Genetics, Iowa State University, Ames, IA 50011, USA.
 SO Plant Cell Reports, (1990) Vol. 8, No. 9, pp. 542-545. 28 ref.
 ISSN: 0721-7714
 DT Journal
 LA English

L8 ANSWER 15 OF 26 CABA COPYRIGHT 2003 CABI
 AN 89:55353 CABA
 DN 890723814
 TI Cytokinin antagonist activity of substituted phenethylamines in plant cell culture
 AU Christou, P.; Barton, K. A.
 CS Agracetus, Middleton, WI 53562, USA.
 SO Plant Physiology, (1989) Vol. 89, No. 2, pp. 564-568. 27 ref.
 ISSN: 0032-0889
 DT Journal
 LA English

L8 ANSWER 16 OF 26 CABA COPYRIGHT 2003 CABI
 AN 88:6474 CABA
 DN 881668243
 TI Studies on the introduction and mobility of the maize Activator element in *Arabidopsis thaliana* and *Daucus carota*
 AU Sluys, M. A. van; Tempe, J.; Fedoroff, N.
 CS Inst. de Microbiol., Universite de Paris-Sud, Orsay, France.
 SO EMBO Journal, (1987) Vol. 6, No. 13, pp. 3881-3889. 43 ref.
 ISSN: 0261-4189
 DT Journal
 LA English

L8 ANSWER 17 OF 26 CABA COPYRIGHT 2003 CABI
 AN 88:1916 CABA
 DN 871667593
 TI Phenotypic assay for excision of the maize controlling element, Ac in tobacco
 AU Baker, B.; Coupland, G.; Fedoroff, N.; Starlinger, P.; Schell, J.
 CS Max-Planck-Institut fur Zuchtforschung, Cologne, German Federal Republic.
 SO Maize Genetics Cooperation Newsletter, (1987) No. 61, pp. 43.
 DT Journal
 LA English

L8 ANSWER 18 OF 26 CABA COPYRIGHT 2003 CABI
 AN 87:82030 CABA
 DN 871664873
 TI T-DNA organization in tumor cultures and transgenic plants of the **monocotyledon** *Asparagus officinalis*
 AU Bytebier, B.; Deboeck, F.; Greve, H. de; Montagu, M. van; Hernalsteens, J.

P.
CS Laboratorium voor Genetische Virologie, Vrije Universiteit Brussel,
Paardenstraat 65, 1640 Sint-Genesius-Rode, Belgium.
SO Proceedings of the National Academy of Sciences of the United States of
America, (1987) Vol. 84, No. 15, pp. 5345-5349. 36 ref.
ISSN: 0027-8424
DT Journal
LA English

L8 ANSWER 19 OF 26 CABA COPYRIGHT 2003 CABI
AN 87:42276 CABA
DN 871329079
TI Isolation of gene 4 from T-DNA of Ti plasmid and its expression in higher
plants
AU Zhu, Q.; Bai, Y. Y.; Tang, T.; Loo, S. W.
CS Shanghai Inst. Pl. Physiol., Academia Sinica, China.
SO Acta Biologiae Experimentalis Sinica, (1986) Vol. 19, No. 4, pp.
415-426. 36 ref.
ISSN: 0371-4853
DT Journal
LA Chinese
SL English

L8 ANSWER 20 OF 26 CABA COPYRIGHT 2003 CABI
AN 86:80576 CABA
DN 861652945
TI Cultivation of rice protoplasts and their transformation mediated by
Agrobacterium spheroplasts
AU Baba, A.; Hasezawa, S.; Syono, K.; Shono, K.; Shono, K.
CS Dep. Pure & Applied Sci., Coll. Arts & Sci., Univ. Tokyo, Tokyo 153,
Japan.
SO Plant and Cell Physiology, (1986) Vol. 27, No. 3, pp. 463-471.
16 ref.
ISSN: 0032-0781
DT Journal
LA English

L8 ANSWER 21 OF 26 CABA COPYRIGHT 2003 CABI
AN 86:69067 CABA
DN 861652042
TI Rice breeding. Manipulation of cereal succeeds
AU Anderson, A.
SO Nature, UK, (1986) Vol. 321, No. 6071, pp. 639.
DT Journal
LA English

L8 ANSWER 22 OF 26 CABA COPYRIGHT 2003 CABI
AN 86:44340 CABA
DN 861649676
TI Cereal transformation: progress and prospects
AU Kleinhofs, A.; Bright, S. W. J. [EDITOR]; Jones, M. G. K. [EDITOR]
CS Dep. Agron. & Soils, Wash. State Univ., Pullman, Wash. 99164-6420, USA.
SO Cereal tissue and cell culture, (1985) pp. 261-272. 47 ref.
Publisher: Martinus Nijhoff/Dr. W. Junk Publishers. Dordrecht
CY Netherlands Antilles
DT Conference Article
LA English

L8 ANSWER 23 OF 26 CABA COPYRIGHT 2003 CABI
AN 85:109540 CABA
DN 851644267
TI Auxin-independent growth of maize tissue culture cells
AU Hawes, M. C.; Sharpe, D. Z.; Plata, M.-I.; Pueppke, S. G.; Chourey, P. S.
CS Dep. Pl. Path., Univ. Fla., Gainesville, FL 32611, USA.

SO Plant Science, Ireland, (1985) Vol. 40, No. 3, pp. 197-202. 16
 ref.
 DT Journal
 LA English

L8 ANSWER 24 OF 26 CABA COPYRIGHT 2003 CABI
 AN 85:82849 CABA
 DN 850776109
 TI In vitro systems for studying nitrogen fixation
 AU Davey, M. R.; O'Hara, G. W.; Collins, G.B. [EDITOR]; Petolino, J.G.
 [EDITOR]
 CS Dep. of Bot., Nottingham Univ., Nottingham NG7 2RD, UK.
 SO Applications of genetic engineering to crop improvement, (1984)
 pp. 25-52. 155 ref.
 Publisher: Martinus Nijhoff/Dr. W. Junk Publishers. Dordrecht
 CY Netherlands Antilles
 DT Conference Article
 LA English

L8 ANSWER 25 OF 26 CABA COPYRIGHT 2003 CABI
 AN 85:19788 CABA
 DN 851637390
 TI Transcription of a zein gene introduced into sunflower using a Ti plasmid
 vector
 AU Matzke, M. A.; Susani, M.; Binns, A. N.; Lewis, E. D.; Rubenstein, I.;
 Matzke, A. J. M.
 CS Institut fur Molekularbiologie, Osterreichische Akademie der
 Wissenschaften, A5020 Salzburg, Austria.
 SO EMBO Journal, (1984) Vol. 3, No. 7, pp. 1525-1531. 44 ref.
 ISSN: 0261-4189
 DT Journal
 LA English

L8 ANSWER 26 OF 26 CABA COPYRIGHT 2003 CABI
 AN 83:69470 CABA
 DN 831389661
 TI Plant cell range for attachment of *Agrobacterium tumefaciens* to
 tissue culture cells
 AU Matthysse, A. G.; Gurlitz, R. H. G.
 CS Univ. North Carolina, Chapel Hill, USA.
 SO Physiological Plant Pathology, (1982) Vol. 21, No. 3, pp.
 381-387. 3 tab. 19 ref.
 DT Journal
 LA English